Form PTO-1595 1-31-92 06-19-2000



101384286 PATENTS ONLY U.S. Department of Commerce Patent and Trademark Office

Our Ref.: 723-842

Commissioner of Patents and Trademarks

Box Assignment Washington D.C. 20231

**RECOR** 

Box Assignment, Washington, D.C. 20231	d the exactled existed decomposite or copy thereof
To the Honorable Commissioner of Patents and Trademarks: Plea	
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):
Howard CHENG	
	me: Nintendo Technology Development Inc.
5. 24. W MAY 24"	Israrnal Address:
$=$ $\sim \rho(\omega)$	Street Address: 4900 150th Avenue, N.E.
5. 54. 54. 14.	4900 190th Avenue, 14.25.
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Additional name/s of conveying party/ies attached?	NET .
3. Nature of conveyance:	City: Redmond
Assignment Merger	State/Country: Washington, USA N 7084
Security Assignment	Zip:
Other	
	20 H
40400	
Execution Date: 4/24/00	Additional name/s & address/es attached? Yes X
	n Si D
4. Application number(s) or patent number(s):	. 00
If this document is being filed together with a new application, the execution	on date of the application is:
A. Patent Application No(s).	B. Patent No(s).
	(1)
(1) 09/545,182	(2)
(2)	
(3)	
Additional numbers attached Yes No	
1 1 11	
5. Name and address of party to whom correspondence	6. Total number of applications & patents involved:
• •	00 EP
5. Name and address of party to whom correspondence concerning document should be mailed:	7. Total fee (37 CFR 3.41)
concerning document should be mailed:	7. Total fee (37 CFR 3.41) \$40.00 \]
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concerning document should be mailed:  Name: Joseph S. Presta	7. Total fee (37 CFR 3.41) \$40.00 \]
concerning document should be mailed:	7. Total fee (37 CFR 3.41)  Enclosed  Authorized to be charged to deposit account #14-11140
Name: Joseph S. Presta  Internal Address:	7. Total fee (37 CFR 3.41)  Enclosed  Authorized to be charged to deposit account #14-th140  8. The Commissioner is hereby authorized to tharge any
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Concerning document should be mailed:  Name: Joseph S. Presta  Internal Address:  Street Address: Nixon & Vanderhye P.C.  1100 North Glebe Road  8th Floor  City: Arlington State: VA Zip: 22201	7. Total fee (37 CFR 3.41)  Enclosed  Authorized to be charged to deposit account #14-th140  8. The Commissioner is hereby authorized to tharge any deficiency in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our Account No. 14-1140.
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## **ASSIGNMENT**

WHEREAS Howard CHENG, (hereinafter ASSIGNORS) of 2005 212th PL NE, Redmond, Washington 98053; respectively, have invented a certain improvement in METHOD AND APPARATUS FOR OBTAINING A SCALAR VALUE DIRECTLY FROM A VECTOR REGISTER for which a so-entitled patent application for Letters Patent of the United States was filed in the United States Patent and Trademark Office on April 7, 2000 under Attorney Docket 723-840 and given Serial No. \_\_\_\_\_09/545,182\_\_; \*

WHEREAS, Nintendo Technology Development Inc. (hereinafter ASSIGNEE), a corporation of the State of Washington, having an office and place of business at 4900 150th Avenue N.E., Redmond, Washington 98052, is desirous of acquiring an interest therein;

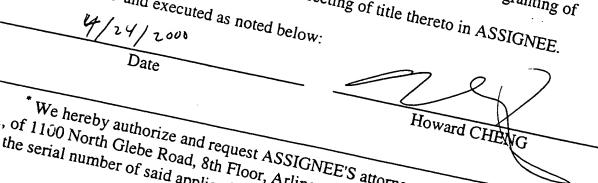
NOW, THEREFORE, in consideration of ASSIGNORS' employment with ASSIGNEE and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNORS by these presents hereby sell, assign, and transfer unto the said ASSIGNEE, its successors, assigns, and legal representatives, the full and exclusive right to the said invention in the United States and all foreign countries, as described in the aforesaid application and any regular patent applications to be filed that claim priority therefrom, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-

American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres;

ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue any Letters Patent for said invention to ASSIGNEE, for its interest as ASSIGNEE, for the sole use and behoof of ASSIGNEE, its successors, assigns, and legal representatives. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention.

And, ASSIGNORS hereby agree to transfer a like interest upon request of said ASSIGNEE, its successors, assigns, and legal representatives, and without further remuneration, in and to any improvements, and applications for patents based thereon, growing out of or related to the said invention; and to execute any papers by ASSIGNEE, its successors, assigns, and legal representatives, deemed essential to ASSIGNEE'S full protection and title in and to the invention hereby transferred.

Agreeing, further upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE, for the filing and granting of regular and foreign applications and the perfecting of title thereto in ASSIGNEE.



We hereby authorize and request ASSIGNEE'S attorneys, Nixon & Vanderhye of 1100 North Glebe Road, 8th Floor, Arlington, Virginia 22201-4714, to insert the serial number of said application when known.